

# **A REQUEST FOR PROPOSAL FOR PERSONAL SERVICES CONTRACT**

## **Department of Highways Professional Services Procurement Bulletin 2015-03 Nelson & Washington / US 150 / 4-396**

This document constitutes a Request for Proposals for Personal Service Contract from qualified individuals and organizations to furnish those services as described herein for the Commonwealth of Kentucky, Department of Highways.

### **I. PROJECT DESCRIPTION**

Counties – Nelson & Washington

Route – US 150

Item No – 4-396.00

Project Description – Design study to determine improvements needed for US 150 from just east of Bluegrass Parkway near Bardstown in Nelson County (Mile Point 2.032) to US 150x just west of Springfield in Washington County (Mile Point 6.557).

### **II. PROJECT INFORMATION**

Project Manager – Charlie Allen, P.E. / Brad Bottoms, P.E

User Division – Highway Design

Approximate Fee – \$400,000 Scoping Study, Preliminary Engineering and Environmental Overview (Lump Sum)

Project Funding – State Priority Funds (SPP)

Project Length – Approximately 12 miles

### **III. PURPOSE AND NEED**

This specific section of US 150 is a rural minor arterial that begins at the Bluegrass Parkway near Bardstown in Nelson County and extends easterly near the city of Springfield located in Washington County. This is just a portion of the entire US 150 Corridor which stretches approximately 81 miles from Louisville to Mt Vernon, Kentucky. Past Improvements have been made to the US 150 Corridor from Springfield near St. Catherine College in Washington County to I-75 in Rockcastle County, Kentucky which has provided a more reliable and safer connection to I-75 via Danville and Stanford.

US 150 in the study area, approximately 12 miles between Parkway Drive just east of the Bluegrass Parkway in Nelson County and US 150x just west of Springfield in Washington County, carries around 8500 vehicles per day along the rural sections and approximately 11000 vehicles per day near the Bluegrass Parkway Interchange.

The majority of the study corridor is currently two lanes. The purpose of this study is to evaluate the safety and capacity of the corridor and to determine needed improvements and priorities.

#### **IV. DBE REQUIREMENT**

None

#### **V. SCOPE OF WORK**

The selected consultant will conduct Planning and Preliminary Engineering studies to identify appropriate typical sections, utility impacts, and logical termini of priority sections or spot improvements including dependable cost estimates. Activities include but may not be limited to an inventory of existing conditions, establishing project purpose and goals, proposing and analyzing alternate improvement options, developing practical solutions and cost estimates, conducting public involvement activities throughout the study process and prioritizing improvements.

After Preliminary Engineering & Environmental work is complete and logical termini is established for 4-396.00, District 4 may initiate a Contract Modification for Final Roadway Design for selected spot improvement(s) or high priority section(s). The Cabinet reserves the right to re-advertise parts or the entire project for Final Roadway Design.

#### **VI. SPECIAL INSTRUCTIONS**

The Department may retain any of the services advertised here to be performed by in-house state forces.

Instructions for Response to Announcement can be found at:

<http://transportation.ky.gov/Professional-Services/Pages/Respond-to-an-Announcement.aspx>

#### **VII. AVAILABLE STUDIES**

[Nelson/Washington County Traffic Forecast – Scoping Study on US 150, July 2014](#)

#### **VIII. METHOD OF DESIGN**

The Selected Consultant shall utilize the current CADD Standards for Highway Plans Policy in the development of the highway plans, if required.

#### **IX. ENVIRONMENTAL**

The Selected Consultant will be responsible for providing an Environmental Overview.

#### **X. PHOTOGRAMMETRIC SERVICES**

The Selected Consultant will be responsible for obtaining aerials or equivalent for meeting exhibits. The Selected Consultant will be responsible for any necessary surveying to aid in the analysis of alternatives. Statewide LiDAR data will be made available for Preliminary Engineering purposes.

#### **XI. STRUCTURE DESIGN**

The Selected Consultant shall be qualified to provide the necessary engineering services to determine needed improvements of the structures involved, if any. The Department reserves the right to retain any structure design services.

## **XII. PLANNING**

The Cabinet will provide traffic counts, turning movement counts and traffic projections and related information for the project.

## **XIII. GEOTECHNICAL SERVICES**

The Selected Consultant shall be responsible for a Geotechnical Overview, providing technical expertise on geotechnical recommendations and cost estimates.

## **XIV. PREQUALIFICATION REQUIREMENTS**

To respond to this project, the consultant project team must be prequalified in the following areas by the response due date of this advertisement.

### ROADWAY DESIGN

- Rural Roadway Design
- Surveying

### STRUCTURE DESIGN

- Spans under 500 feet

### GEOTECHNICAL SERVICES

- Engineering Services

### TRANSPORTATION PLANNING SERVICES

- Transportation Corridor & Systems Planning

### ENVIRONMENTAL AQUATIC & TERRESTRIAL ECOSYSTEMS

- Fisheries
- Macroinvertebrates
- Water Quality
- Botany
- Zoology
- Wetlands

### ENVIRONMENTAL ARCHAEOLOGY & OTHER SERVICES

- Prehistoric
- Historic
- Highway Noise
- Air Quality Analysis
- Socioeconomic Analysis
- Cultural Historic Analysis
- EIS Writing & Coordination

### ENVIRONMENTAL & UST SERVICES

- Hazmat Preliminary Site Assessment (Phase I)
- UST Preliminary Site Assessment

## **XV. PROCUREMENT SCHEDULE**

Dates other than Response Date are tentative and provided for information only.

ADVERTISEMENT DATE • Tuesday, September 9<sup>th</sup>, 2014

RESPONSE DATE • Wednesday, October 1<sup>st</sup>, 2014 by 4:30 p.m. E.S.T. (Frankfort time)

FIRST SELECTION COMMITTEE • October 7<sup>th</sup>, 2014

FINAL SELECTION COMMITTEE • October 22<sup>nd</sup>, 2014

PRE-DESIGN CONFERENCE • October 29<sup>th</sup>, 2014

TENTATIVE DEADLINE FOR CONSULTANT FEE PROPOSAL • November 7<sup>th</sup>, 2014

CONTRACT NEGOTIATIONS • November 21<sup>st</sup>, 2014

NOTICE TO PROCEED • January 1<sup>st</sup>, 2015

## **XVI. PROJECT SCHEDULE**

EXISTING CONDITIONS – April 2015

FIRST ALTERNATIVE REVIEW – June 2015

FINAL ALTERNATIVE REVIEW – August 2015

SUBMIT DRAFT REPORT – September 2015

SUBMIT FINAL REPORT – October 2015

PRELIMINARY LINE & GRADE – Priority Section(s) – December 2015

## **XVII. EVALUATION FACTORS**

Consultants will be evaluated by the selection committee based on the following, weighted factors:

1. Relative experience of consultant personnel assigned to project team with the highway project for KYTC and/or federal, local or other state government agencies. (10 Points)
2. Capacity to comply with project schedule. (10 Points)
3. Past record of performance on projects similar in type and complexity. (10 Points)
4. Project approach and proposed procedures to accomplish the services for the project. (15 Points)
5. Consultant's offices where work is to be performed. (2 Points)

For state-funded projects, if a Selection Committee vote results in a tie between two (2) firms, one (1) of which will perform more of the work tasks in Kentucky than the other, then the former firm shall be ranked one (1) place ahead of the latter.

**XVIII. SELECTION COMMITTEE MEMBERS**

1. Charlie Allen, P.E., User Division
2. Brad Bottoms, P.E., User Division
3. Travis Thompson, P.E., Secretary's Pool
4. Jill Asher, P.E., Secretary's Pool
5. Brad Rister, Governor's Pool

**PROJECT MAP**  
**NELSON & WASHINGTON COUNTIES**  
**ITEM NO. 4-396.00**

Design study to determine improvements needed for US 150 from just east of Bluegrass Parkway near Bardstown in Nelson County (Mile Point 2.032) to US 150x just west of Springfield in Washington County (Mile Point 6.557)

Date: 8/19/2014

